

POWERED BY **Dialog**

PRESS

Publication Number: 07-132400 (JP 7132400 A) , May 23, 1995

Inventors:

YOSHIDA MASAHIRO

Applicants

YAMADA DOBBY CO LTD (A Japanese Company or Corporation), JP (Japan)

Application Number: 05-304545 (JP 93304545) , November 11, 1993

International Class (IPC Edition 6):

B30B-015/06

B30B-001/26

B30B-015/00

JAPIO Class:

25.1 (MACHINE TOOLS--- Pressing)

Abstract:

PURPOSE: To prevent the vibration of a press by providing a frame in a reciprocating manner in the vertical direction, and connecting a balancing weight to the frame through a link mechanism to prevent the balancing weight from horizontally reciprocating.

CONSTITUTION: In a press 10, a link 38a is connected to an upper frame 14, and a link 38b is connected to a slide 20 respectively. The unbalanced force attributed to the vertical motion of the slide 20 is balanced by a balancing device 84. The balancing device 84 is located above the link mechanisms 36, 38 and a crankshaft 16, and provided with a balancing weight 86 which is movably supported in the vertical direction by the upper frame 14 and a weight guide 88 which limits the reciprocating motion of the balancing weight 86 in the vertical direction. A pair of connecting links 90 corresponding to the link mechanism 38 are provided. When the links 38a, 38b are bent, the bending angle of the links 38a, 90 is changed, and the balancing weight 86 is moved in the vertical direction. The unbalanced force attributed to the vertical motion of the slide 20 is cancelled by the balancing weight 86.

JAPIO

© 2002 Japan Patent Information Organization. All rights reserved.

Dialog® File Number 347 Accession Number 4839800

POWERED BY **Dialog**

Basic Patent (Number,Kind,Date): JP 7132400 A2 19950523**PATENT FAMILY:****Japan (JP)**

Patent (Number,Kind,Date): JP 7132400 A2 19950523

PRESS (English)

Patent Assignee: YAMADA DOBBY CO LTD

Author (Inventor): YOSHIDA MASAHIRO

Priority (Number,Kind,Date): JP 93304545 A 19931111

Applic (Number,Kind,Date): JP 93304545 A 19931111

IPC: * B30B-015/06; B30B-001/26; B30B-015/00

Language of Document: Japanese

Patent (Number,Kind,Date): JP 2649318 B2 19970903

Priority (Number,Kind,Date): JP 93304545 A 19931111

Applic (Number,Kind,Date): JP 93304545 A 19931111

IPC: * B30B-015/06; B30B-001/26; B30B-015/00

Language of Document: Japanese

INPADOC/Family and Legal Status

© 2002 European Patent Office. All rights reserved.

Dialog® File Number 345 Accession Number 12422560